



Gp 335  
V. Barron  
#11  
5-24-84

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Appln. of: Gene A. Bornzin	) Group Art Unit: 335
Serial No: 323,507	) Docket No: P-552
Filed: 23 November 1981	) Examiner: W. Kamm
For: A RATE ADAPTIVE DEMAND PACEMAKER	) Date: May 14, 1984

Honorable Commissioner of Patents and Trademarks  
United States Patent and Trademark Office  
Washington, DC 20231

**RECEIVED**  
MAY 22 1984  
GROUP 320

Dear Sir:

AMENDMENT

The following Amendment is submitted in response to the  
Official Action mailed February 29, 1984.

REMARKS

In the Official Action mailed February 29, 1984, all claims  
in the case were rejected. For the convenience of the Examiner,  
the rejections are discussed in the order in which they appear in  
the Official Action.

Claims 6-8 and 11 were rejected under 35 USC 102(b) as  
anticipated by Zacouto. In connection with this rejection, the  
Official Action states that "Zacouto describes in FIG. 2 a demand  
type pacer including R-wave sensing means 3-8, A, pulse generator  
means 10, C with timing and reset circuitry for producing  
stimulating pulses at a given escape interval reset in response to  
sensed signals. Variable escape interval setting circuitry is  
also provided in unit C."

Applicant, to the extent it understands the above  
observations agrees that these observations accurately  
characterize the Zacouto device. However, the Official Action  
further states that "Figs. 19-21 show means responsive to changes  
in the base pressure of the system, which is broadly related to